

Applicant : Ren-Chang Huang et al.
Serial No. : 10/697,782
Filed : October 30, 2003
Page : 3 of 8

Attorney's Docket No.: 11702-003005 / PE-21602-1AM

Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

1. (Currently amended) A process for producing an *Antrodia camphorata* culture having pharmacological activity, comprising:
 - (a) inoculating a mycelial inoculum of an isolate of *Antrodia camphorata* into a medium suitable for growth of said isolate to result in a first culture;
 - (b) subjecting the first culture cultivated from step (a) to a first stage of agitation which is set at a first predetermined rate and for a first period of time to allow further growth of the inoculated isolate, so as to obtain a second culture proliferation with mycelium; and
 - (c) subjecting the second culture obtained from step (b) to a second stage of agitation which is set at a second predetermined rate different from higher than the first predetermined rate, so as to subject the isolate under physiological stress.
2. (Cancelled).
3. (Previously Presented) The process of claim 1, wherein the first culture from step (a) and the second culture from step (b) are cultivated in steps (b) and (c) by adjusting to a pH value ranging from 4.5 to 5.4.
4. (Previously Presented) The process of claim 3, wherein the first culture from step (a) and the second culture from step (b) are cultivated in steps (b) and (c) by adjusting to a pH value ranging from 4.6 to 5.3.

Applicant : Ron-Chang Huang et al.
Serial No. : 10/697,782
Filed : October 30, 2003
Page : 4 of 8

Attorney's Docket No.: 11702-003005 / PE-21602-1AM

5. (Previously Presented) The process of claim 4, wherein the first culture from step (a) and the second culture from step (b) are cultivated in steps (b) and (c) by adjusting to a pH value ranging from 4.7 to 5.2.

6. (Currently amended) The process of claim 1, wherein the medium used in step (a) is selected from the group consisting of potato dextrose broth, and a synthetic medium containing fructose as a major carbon source.

7. (Currently amended) The process of claim 6, wherein the medium used in step (a) is a synthetic medium containing fructose as a major carbon source.

8. (Currently amended) The process of claim 1, wherein the isolate of *Antrodia camphorata* used in step (a) is selected from the group consisting of CCRC 930032 (ATCC PTA-1233), CCRC 35396, 35398, 35716, 36401 and 36795.

9-25. (Cancelled).

26. (Currently amended) The process of claim 1, wherein the pharmacological activity of cultivated culture obtained from step (c) has an inhibitory activity against tumor or cancer cells.

27-40. (Cancelled).